LT-32SH6
LT-37SH6

WIDE LCD PANEL TV

I NSTRUCTIONS

Digital Video Broadcasting

Trade Mark of the DVB Digital Video Broadcasting Project (1991 to 1996) Number:
4013 for LT-32SH6; 4014 for LT-37SH6

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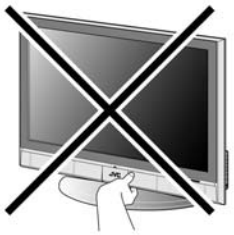
E030057212

Thank you for buying this JVC WIDE LCD PANEL TV
To make sure you understand how to use your new TV, please read this manual thoroughly before you begin.
("LCD" stands for Liquid Crystal Display.)

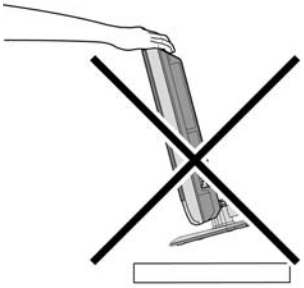
READ THESE INSTRUCTIONS.
KEEP THESE INSTRUCTIONS.

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

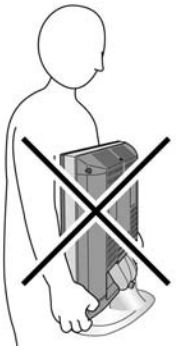


WARNING

- Fingers may be trapped under the TV causing injuries. Hold the TV at the bottom in the middle, and do not allow it to tilt up or down.



- The TV may fall causing injuries. Hold the bottom of the stand with your hand and tilt the TV up and down.
- Do not allow children to hang from the TV, place their elbows on the TV or lean against the TV. Doing so may cause the TV to fall over and lead to inquires.
- The MAIN plug is used as the disconnect device, the disconnect device shall remain readily operable.
- Do not defeat the safety purpose of the polarized or grounding-type plug. The protective earthling terminal shall be permanently connected to earth.



CAUTION:

- Operate only from the power source specified (AC 240, 50 Hz).
- Avoid damaging the AC plug, and power cord. (Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.)
- When you are not using this unit for along period of time, it is recommended that you disconnect the power cord from the main outlet.

NOTES:

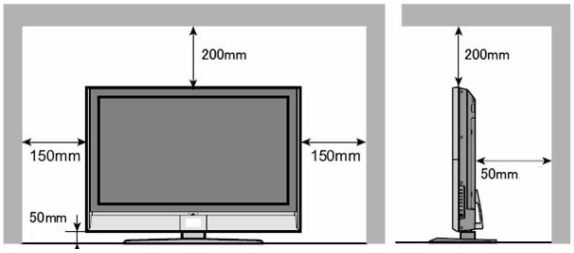
- The rating plate (serial number plate) and safety caution are on the back of the main unit.

Point defects

LCDs use collections of fine pixels to display images. While there is no problem with more than 99.99% of these pixels, please understand that a very small number of pixels may not light or may light all the time.

Distance recommendations

Avoid improper installation and never position the unit where good ventilation is impossible.
When installing this TV, distance recommendations must be maintained between the set and the wall, as well as inside a tightly enclosed area or piece of furniture.
Keep to the minimum distance guidelines shown for safe operation.



Failure to take the following precautions may cause damage to the television or remote control.

DO NOT block the TV's ventilate ion openings or holes.
(If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
DO NOT place anything on top of the TV.
(Such as cosmetics or medicines, flower vases, potted plants, cups, etc.)
DO NOT allow objects or liquid into the cabinet openings.
(If water or liquid is allowed to enter this equipment, fire or electric shock may be caused.)
DO NOT place any naked flame sources, such as lighted candles, on the TV.
DO NOT install near any heat sources such as radiators, heat resisters, stoves, sunlight, or other apparatus (including amplifiers) that produce heat.

The surface of the TV screen is easily damaged. Be very careful with it when handling the TV.
Should the TV screen become soiled, wipe it with a soft dry cloth. Never rub it forcefully.
Never use any cleaner or detergent on it.

If there is a fault, unplug the unit and call a service technician. Do not attempt to repair it yourself or remove the rear cover.

Note:

Due to static electricity, the TV may be covered with dust.
If this happens, wisp the TV with a soft cloth being careful not scratch the TV.

Digital terrestrial broadcasting(DVB-T)service area

Although this TV can receive both Digital terrestrial broadcasting (DVB-T) and Analogue terrestrial broadcasting, depending on the area in which you live, you may not be able to receive Digital broadcasting (DVB-T).

Cleaning the screen

The screen is coated with a special thin film to reduce reflection. If this film is damaged, uneven colors, discoloration, scratches, and other problems that can not be repaired may occur. Pay attention to the following when handling the screen.

- Do not use glue or adhesive tape on the screen.
- Do not write on the screen.
- Do not allow the screen to come in contact with any hard objects.
- Do not allow condensation to form on the screen.
- Do not use alcohol, thinner, benzene or other solvents on the screen.
- Do not rub the screen hard.

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Setting up your TV

Installation

Cautions for installation

- Install the TV in a corner on a wall or on the floor so as to keep cords out of the way.
- The TV will generate a slight amount of heat during operation. Ensure that sufficient space is available around the TV to allow satisfactory cooling. See “Distance recommendations” on page 3.

Using the stand

This TV comes with a Table Top Stand already attached.

This stand can be used to adjust the directions of the TV screen. (depending on each model)

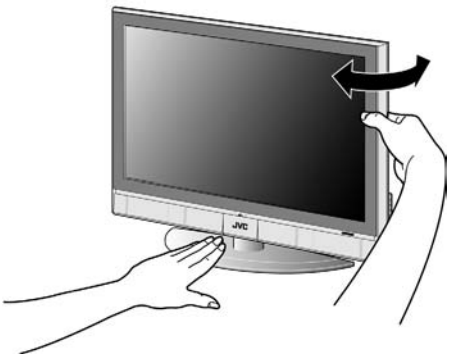
Tilt the TV up and down: (only LT-32SH6)

While holding the bottom of the stand with one hand, use your other hand to hold the middle of the top of the TV and slowly tilt the TV up and down.

- As a safety measure, the stand is constructed so that it requires a certain amount of force to tilt the TV.

Rotate the TV to the left and right:

While holding the bottom of the stand with one hand, use your other hand to hold the edge of the panel and slowly adjust the direction of the TV screen.



Tidy the cables:

A cable holder which is used to keep the connection cables tidy is attached to the back of the stand.

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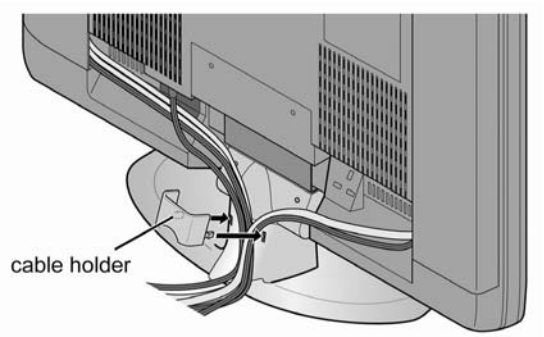

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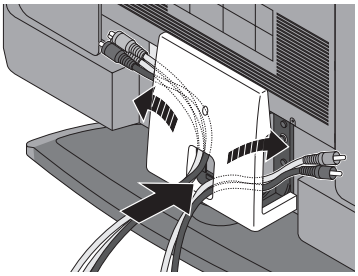
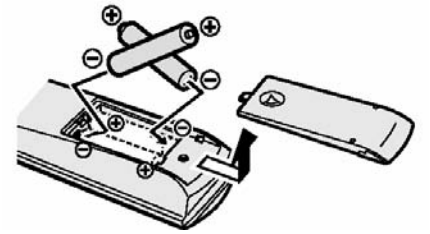


Putting the batteries into the Remote control

Use two AA/R6 dry cell batteries.
Insert the batteries from the - end, making sure the + and - polarities are correct.



- Follow the warnings printed on the batteries.
- Battery life is about six months to one year, depending on your frequency of use.
- The batteries we supply are only for setting up and testing your TV, please replace them as soon as you need to.
- If the remote control does not work properly, replace the batteries.

Remove the terminal cover

There are connection terminals behind the covers of the rear of the TV. Remove the cover before connecting a DVD or VCR. The covers can be removed by removing the hooks in the two sides of TV. To replace the covers, first connect the hook at the side of the cover to the TV and then insert the hooks.

- Leave the covers off if they do not fit properly. Do not force to replace the covers. Doing so may cause damages of the connection cables and the covers.

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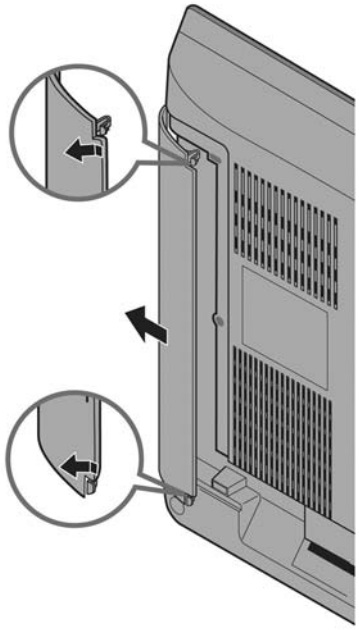

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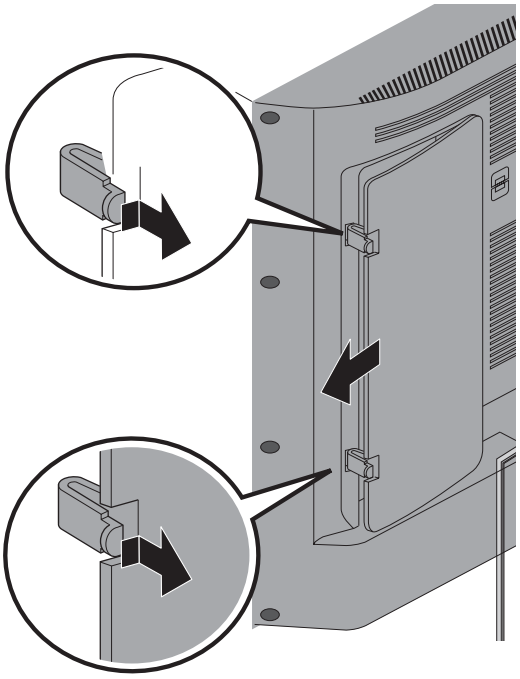


Connecting the aerial and VCR

- The connecting cables are not provided. Use a good quality of 75-ohm coaxial cable to connect.
- Use a fiber connector Ⓓ to connect to digital sound equipment (DTV only)

Caution

• Turn off all the equipment including the TV before connecting anything.

■ If you connect via a device with an antenna terminal such as a VCR, follow Ⓐ → Ⓑ in the diagram.

■ If connecting a VCR:

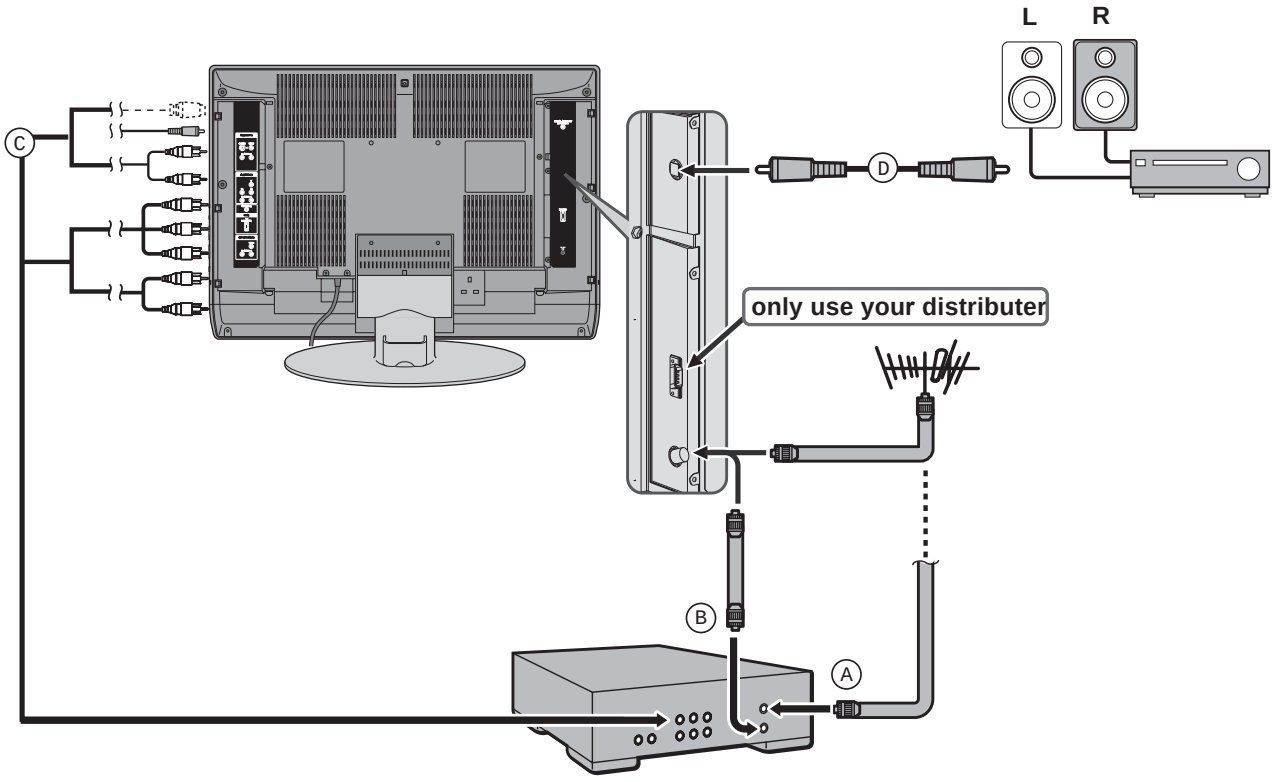
1 Connect the aerial cable to the aerial input socket on the VCR, and connect the VCR and TV with another aerial cable

2 Connect the VCR's VIDEO OUT (video output) terminal and the TV's VIDEO terminal with a video cable Ⓒ

To connect a VCR to the TV with an S-Video cable: Connect the VCR's S-VIDEO OUT (S-VIDEO output) terminal and TV's S-VIDEO terminal with an S-VIDEO cable, instead of connecting with a video cable. Note that the connections with a video cable will be ignored in case you connect a VCR to the TV with both video cable and S-VIDEO cable.

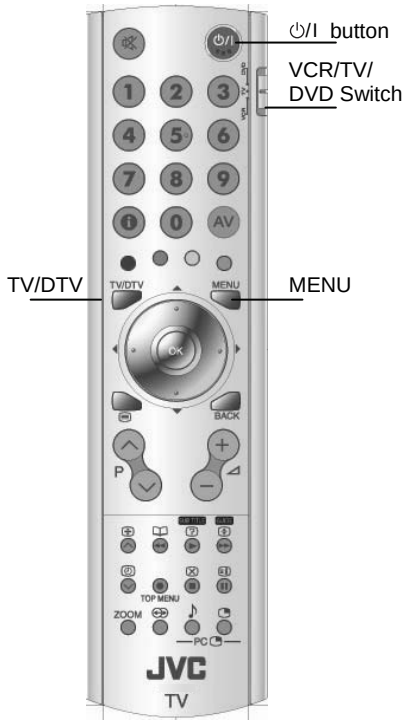
3 Connect the VCR's VIDEO OUT (audio L/R output) terminals and the TV's AUDIO input terminals with an audio cable.

• To connect more equipments, please see "Connecting external equipment" on page 33.
• When receiving Digital terrestrial broadcasting (DVB-T), reception can suddenly be lost if the signal becomes weak. Use a correct instilled high performance antenna.
• When connecting via a device with an antenna terminal such as a VCR, depending on the connection method, the signal may be weakened. If this happens, use a booster to increase the signal strength.
• In areas with a lot of radio communication such as near ports or airports, noise may be introduced into the picture or sound. In such cases, reception may be improved by using a high-performance antenna.
• Read the instruction manual of the devices which you connect to the TV.



Initial settings

When the TV is first turned on, it enters the initial setting mode. Follow the instructions on the on-screen display to make the initial settings.



1 Make sure to set the VCR/TV/DVD switch to the TV position.

- You cannot turn the TV on when the VCR/TV/DVD switch is set to the VCR or DVD position.

2 Press the ⏻/I button on the remote control

After a short interval the power lamp changes from red to green.

3 AUTO PROGRAM menu appears

INSTALL	
►AUTO PROGRAM ►	
▼▲:SELECT	◄►:MOVE

4 Press the OK button to enter the AUTO PROGRAM.

AUTO PROGRAM	
START ►	
OK: START	

5 Press the OK button to start AUTO PROGRAM.

AUTO PROGRAM
NOW PROGRAMMING ◄ ►
MENU:EXIT

The AUTO PROGRAM menu appears and received TV channels are automatically stored.

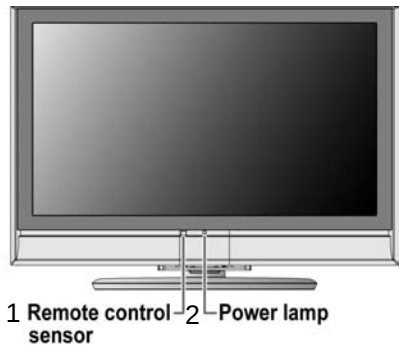
- To cancel the AUTO PROGRAM function: Press the MENU button.

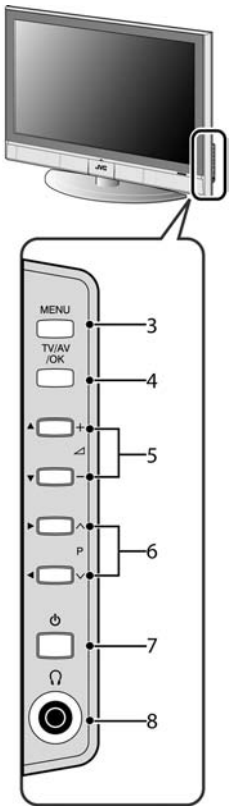
After the TV channels have been registered in the program numbers, the PR LIST menu appears

PR LIST		
01 -----	11 -----	21 -----
02 -----	12 -----	22 -----
03 -----	13 -----	23 -----
04 -----	14 -----	24 -----
05 -----	15 -----	25 -----
06 -----	16 -----	26 -----
07 -----	17 -----	27 -----
08 -----	18 -----	28 -----
09 -----	19 -----	29 -----
10 -----	20 -----	30 -----
■ NAME		■ DELETE
■ INSERT		■

- If you want, you can now edit the program numbers using the AUTO PROGRAM function.
  For details, see “To edit the PR LIST menu” on page 20.

TV buttons and functions





1 Remote control sensor
2 Power lamp
3 MENU switch
4 TV/AV OK button
5 (Volume) -/+ buttons
6 P V/Λ buttons
7 (Standby) buttons
8 Headphone jack (mini jack)

Turn the TV on from standby mode

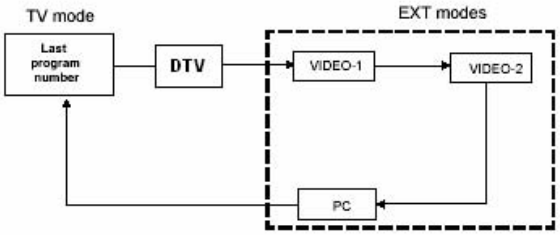
Press the button or P V/Λ buttons to turn the TV on from standby mode

Choose a TV channel

Press the P V/Λ buttons to choose a program number

Watch images from external devices

Press the TV/AV button to choose a TV/AV Terminal



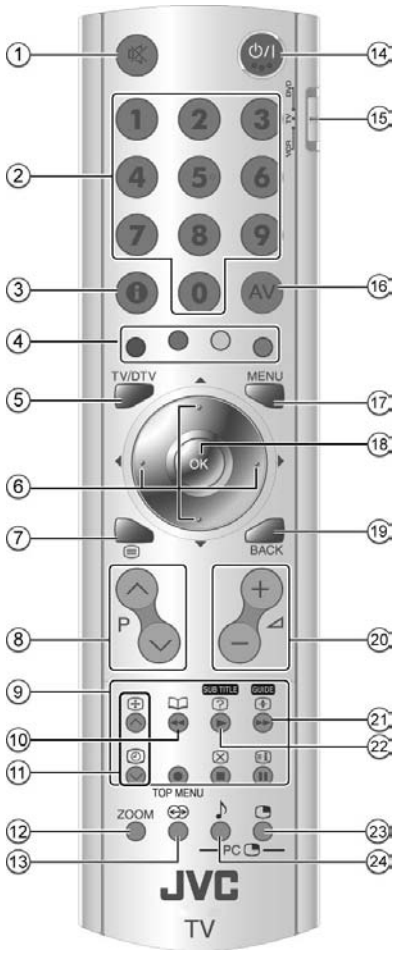
Adjust the volume

Press the -/+ buttons
The volume level indicator appears.

Using the Menu

Use the MENU button.
Refer to "Using the TV's menu"(see page 15) for details of using the menu.

Remote control buttons and functions



1 Muting button
2 Number buttons
3 Information button
4 Colour button
5 TV/DTV button
6 ◄/► / ▼/▲/button
7 (Text)button
8 P∨/∧ button
9 VCR/DVD/Teletext buttons
10 (Favourite) button
11 ∨/∧ buttons
12 **ZOOM** button
13 button
14 Standby button
15 VCR/TV/DVD switch
16 **AV** button
17 **MENU** button
18 **OK** button
19 **BACK** button
20 –/+ Volume buttons
21 **GUIDE** button
22 **SUBTITLE** button
23 button
24 button

Turn the TV on or off from standby mode

1 Make sure to set the VCR/TV/DVD switch to the TV position.

- You cannot turn the TV on or off when the VCR/TV/ DVD switch is set to the VCR or DVD position.

2 Press the ⏻/| (standby) button to turn the TV on or off.

When the TV is turned on, the power lamp changes from red to green.

- The power can be turned on by pressing P∨/∧ buttons or Number buttons.
- Check that the AC plug on the power cord from the TV is connected to AC outlet.

Choose a TV channel

Use the number buttons:
Enter the program number of the channel using the number buttons.

Example:
- PR 6→ press 6
- PR 12→press1 and 2

Use the P∨/∧ buttons:
Press the P∨/∧ buttons to choose the program number you want.

Remote control buttons and functions

Adjust the volume

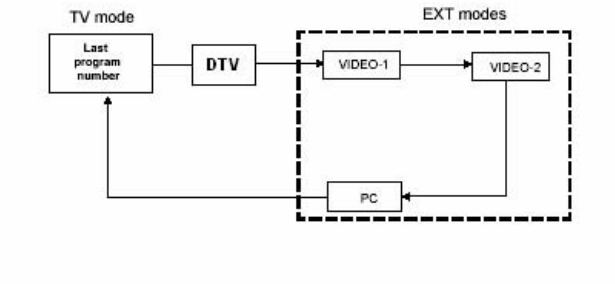
Press the –/+buttons to adjust the volume.
The volume indicator appears and the volume changes as you press the –/+buttons.

Muting the sound

Press the (muting) button to turn off the sound.
Pressing the (muting) button again returns the previous volume level. ◦

Watch images from external equipment

Use the AV button:
Press theAV button to choose an EXT terminal.



In the PC mode:

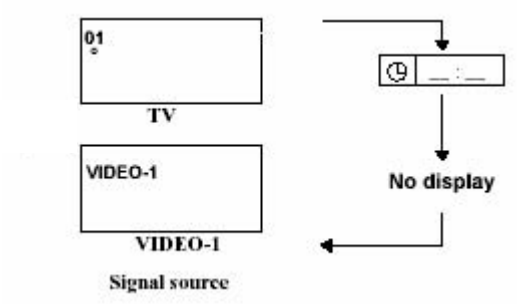
If following message appears, the power lamp lights in amber and the TV goes in to reduced power mode.

"NO SIGNAL"
" OUT OF RANGE"
See "Troubleshooting" on page 35 for details of this message.

Displaying the source information

You can display the source information and current time on the screen.

Press the (information) button to display the source information
Pressing the (information) button changes the display as follows:



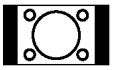
- The source information and current time switched by (information) button.
- The source type TV/DTV/VIDEO-1/VIDEO-2/PC
- If the program being watched does not have Teletext transmission, only a box will be displayed at the same location.
- When watching videos, an incorrect current time is sometime displayed.
- In PC mode, the current time will not be displayed.
- In DTV mode, only information plate will be displayed.

Remote control buttons and functions

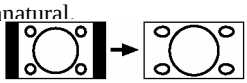
ZOOM function

You can change the screen size according to the picture aspect ratio. Choose the optimum one from the following ZOOM modes.

REGULAR:
Use to view a normal picture (4:3 aspect ratio) as this is its original shape.

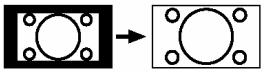


PANORAMIC:
This stretches the left and right sides of a normal picture (4:3 aspect ratios) to fill the screen, without making the picture appear unnatural.

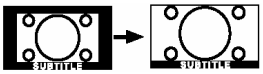


•The top and bottom of the picture are slightly cut off.

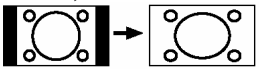
16:9 ZOOM:
This zooms up the wide picture (16:9 aspect ratios) to the full screen.



16:9 ZOOM SUBTITLE:
This zooms up the wide picture (16:9 aspect ratios) with subtitles to the full screen.



FULL:
This uniformly stretches the left and right sides of a normal picture (4:3 aspect ratios) to fill the wide TV screen.



- For 16:9 aspect ratio pictures that have been squeezed into a normal picture (4:3 aspect ratio), use the FULL mode to restore the picture to its original shape.

In DTV mode, not available for 1080i (1125i) / 720p (750p) signals.

In PC mode, “REGULAR” and “FULL” can be selected.

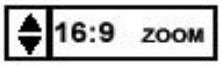
Choose the ZOOM mode

1 Press the ZOOM button to choose the ZOOM menu

Adjusting the visible area of the picture

If subtitles or the top (or bottom) of the picture are cut off, you can adjust the visible area of the picture manually.

1 Press the ZOOM button
The indicator appears.



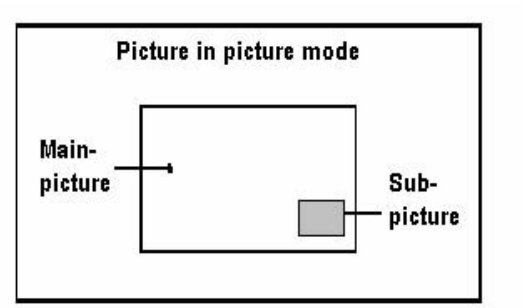
2 While it is displayed, press the ▼/▲ buttons to change the position of the picture
- You cannot adjust the visible area in REGULAR or FULL mode.

Remote control buttons and functions

Using the PCPIP function

A PC picture and TV or a video program from an external device can be watched at the same time.

1 Press the button.



MAIN: Main picture
SUB: Sub picture

- If the main-picture signal is poor, the quality of the sub-picture may also be poor.
- If the pictures have different standards, the top and bottom of one of them may be missing.

- If you press the menu button when the PIP functions is on, PC menu will appear. To display the TV menu, change the mode to the TV mode.

Operating a JVC brand VCR or DVD player

These buttons will operate a JVC brand VCR or DVD player. Pressing a button that looks the same as the device's original remote control button has the same effect as the original remote control.

1 Set the VCR/TV/DVD switch to the VCR or DVD position

VCR:
When you are using a VCR, set the switch to the VCR position. You can turn the VCR on or off with the ⏻/I (Standby) button.

DVD:
When you are using a DVD player, set the switch to the DVD position. You can turn the DVD player on or off with the ⏻/I (Standby) button.

2 Press the VCR/DVD Control Button to control your VCR or DVD player

- If your device is not made by JVC, these buttons will not work.
- Even if your device is made by JVC, some of these buttons may not work, depending on the device you are using.
- You can use the P∨/Λ buttons to choose a TV channel the VCR will receive, or choose the chapter the DVD player plays back.
- Some models of DVD player use the P∨/Λbuttons for both operating the fast forward/backward functions and for choosing the chapter.
- Set the VCR/TV/DVD switch to the TV position when you turn the TV on or off.

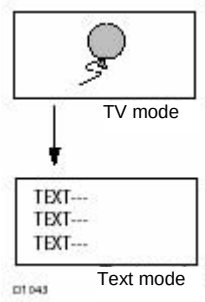
Teletext function

Basic operation

1 Choose a TV channel with a teletext broadcast

2 Make sure to set the VCR/TV/DVD switch to the TV position.

3 Press (Text) button to display the teletext
Pressing (Text) button changes the mode as follows:



4 Choose a teletext page by pressing the P ∨/∧ buttons, number buttons or colors buttons

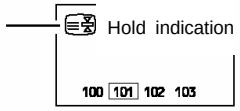
To return to the TV mode:
Press the (Text) button.

- If you have trouble receiving teletext broadcasts, consult your local dealer or the teletext station.
- The ZOOM function will not work in the Text mode.
- You cannot operate menus when viewing a teletext program.

Hold

You can hold a teletext page on the screen for as long as you want, even while several other teletext pages are being received.

Press the (Hold) button Hold indication



To cancel the Hold function:
Press (Hold) button again.

Teletext function

Sub-page

Some teletext pages include sub-pages that are automatically displayed.

1 Choose a teletext page that includes sub-pages
Press the button, Sub-page numbers can be viewed and displayed at the screen.

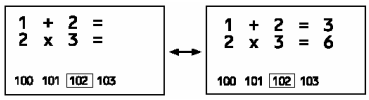
2 Press the number buttons to choose a sub-page number
Sxxxx : xxxx is the number 0 ~ 9 that you entered.

For example, sub-page 1 is S0001, you must enter 0,0, 0 and 1 serially to view sub-page S0001.

Reveal

Some teletext pages include hidden text (such as the answers to a quiz)
You can display the hidden text.

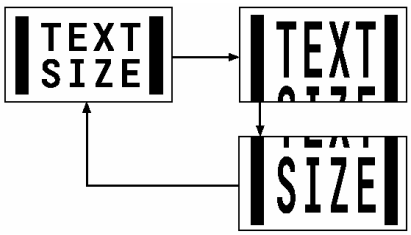
Each time you press the (Reveal) button, text is hidden or revealed



Size

You can double the height of the teletext display.

Press the (Size) button.



Index

You can return to the index page instantly.

Press the (Index) button

Cancel

You can search for a teletext page while watching TV.

1 Press the number button to enter a page number, or press a colour button
The TV searches for a teletext page.

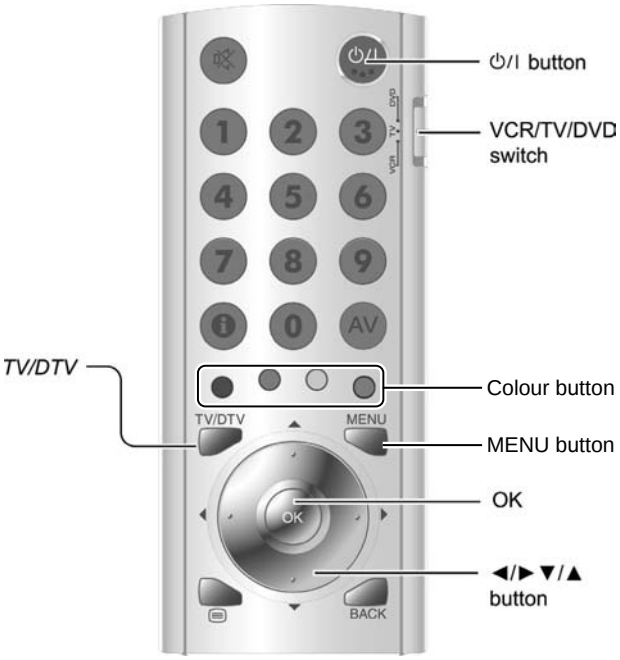
2 Press the (Cancel) button
The TV program appears. When the TV finds the teletext page, its page number appears in the upper left of the screen.

3. Press the (Cancel) button to return to a teletext page when the page number is on the screen

- The TV mode cannot be resumed by pressing the (Cancel) button. To return to the TV mode press button.

Using the TV's menu

This TV has a number of functions you can operate using menus. To use all your TV's functions, you need to understand the basic menu operating techniques fully.



Basic operation

1 Press the MENU button to display the MENU (main menu)

MENU	
►PICTURE	►
SOUND	►
FEATURES	►
INSTALL	►
▼▲:SELECT	OK:MOVE

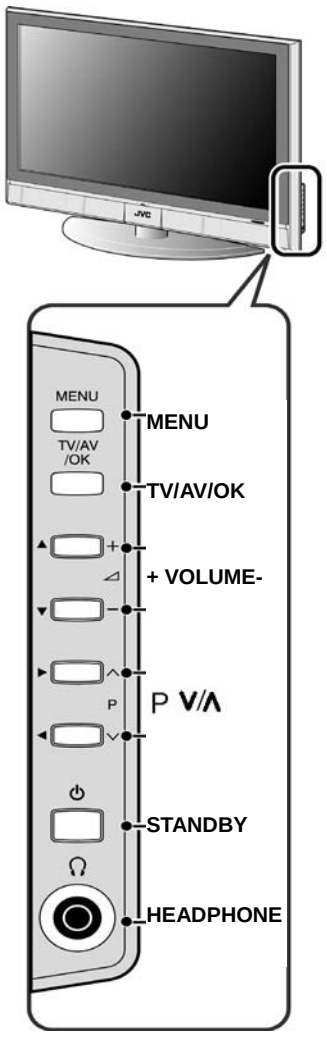
2 Press the ◄/► and ▼/▲ buttons to choose a menu title, and press the OK button.
The menu appears.
To return to the previous menu:
Press the BACK button on the remote control or the MENU button on the TV.
To exit a menu instantly:
Press the MENU button on the remote control or press the MENU button on the TV several times.

3 Press the ▼/▲ buttons to choose a function
- For details of the functions in the menus, see the following pages.

4 Press the ◄/► buttons to choose the setting of that function
- If you want to operate a function which appears only with its name, follow the descriptions of that function on the following pages.
- The display appearing at the bottom of a menu shows you a button on the remote control that you can use when you operate a chosen function.

5 Press the OK button to complete the setting
The menu disappears.
- When watching the television with the PAL system, the menus are displayed at about half of their normal vertical size.
- The menu will be disappear if you press the P ∨/∧ P buttons, the AV button or the number buttons while the menu is displayed.

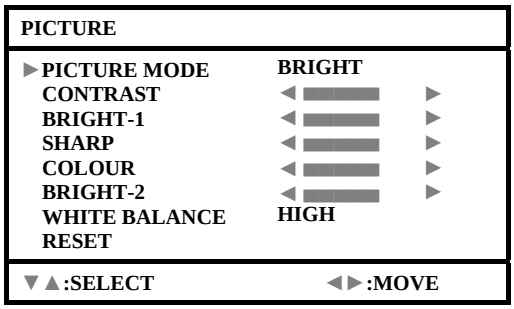
Operation with the buttons on the TV
You can also operate the menus using the buttons on the side panel of the TV.



The menu will disappear after about one minute if no operation is performed.

PICTURE SETTING

Refer to “Using the TV’s menu” (see page 15) for details of displaying the menu.



PICTURE MODE BRIGHT

You can choose one of three PICTURE MODEs to adjust the picture settings automatically.

BRIGHT:
Heightens contrast and sharpness.

STANDARD:
Standardizes picture adjustment.

SOFT:
Softens contrast and sharpness.

Picture Adjustment

You can change the picture settings of each PICTURE MODE as you like.

CONTRAST:
You can adjust the picture contrast.
◀ : Lower
▶ : Higher

BRIGHT-1:
You can adjust the picture brightness.
◀ : Darker
▶ : Brighter

SHARP:
You can adjust the picture sharpness.
◀ : Softer
▶ : Sharper

COLOUR:
You can adjust the picture colour.
◀ : Lighter
▶ : Deeper

BRIGHT-2:
You can adjust the back light.
◀ : Darker
▶ : Lighter

WHITE BALANCE

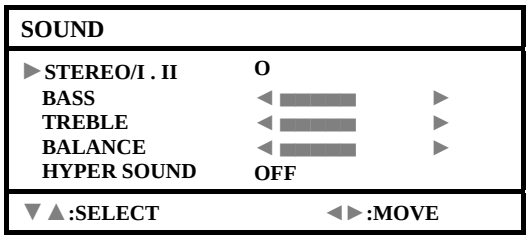
You can select one of two WHITE BALANCE modes (two tones of white) to adjust the white balance of the picture. Since white is the colour which is used as a reference for all the other colorus, changing the WHITE BALANCE mode affects the appearance of all the other colours on the screen.

HIGH:
A bluish white. Using this mode when watching bright pictures allows you to enjoy a more vivid and bright picture.

LOW:
A reddish white. Using this mode when watching films allows you to enjoy colors that are characteristic of films.

SOUND

Refer to “Using the TV’s menu” (see page 15) for details of displaying the menu.



STEREO/ I . II

Press to set sound mode, there are Stereo, SAP, and Mono. (TV mode only)

Sound Adjustment

You can adjust the sound to your favourite.

BASS:
You can adjust the low tone of the sound.
◀： Weaker
▶： Strong

TREBLE:
You can adjust the high tone of the sound.
◀： Weaker
▶： Strong

BALANCE:
You can adjust the volume balance between the left and right speaker.
◀： Turn the left speaker’s volume level up.
▶： Turn the right speaker’s volume level up.

HYPER SOUND

You can enjoy Surround sound with a “live” effect by using the HYPER SOUND function.

ON：
HYPER SOUND function is turned on.
OFF：
HYPER SOUND function is turned off.

• The SOUND settings are common in the TV and PC modes.

FEATURES

Refer to “Using the TV’s menu” (see page 15) for details of displaying the menu.

FEATURES	
▶SLEEP TIMER	OFF
BLUE BACK	OFF
CHILD LOCK	OFF
▼▲:SELECT	◄►:MOVE

SLEEP TIMER

You can set the TV to automatically turn off after a set period of timer; press the ▶ button to set the period of time from 30, 90, 60, 120, to OFF.

BLUE BACK

You can set the TV to automatically change to a blue screen and mute the sound if the signal is weak or absent, or when there is no input from an external device.

ON：
This function is turned on.

OFF：
This function is turned off.

CHILD LOCK

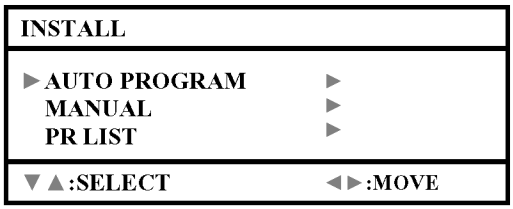
When the CHILD LOCK mode is on, the TV buttons will be locked except “POWER” button. TV only can be controlled by remote controller.

ON：
This function is turned on

OFF：
This function is turned off.

INSTALL

Refer to "Using the TV's menu" (see page 15) for details of displaying the menu.

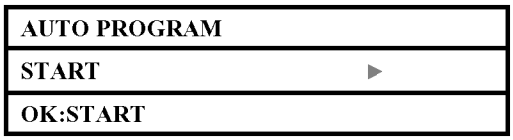


AUTO PROGRAM

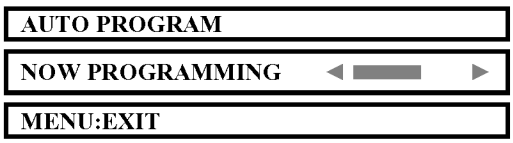
AUTO PROGRAM

You can automatically store the TV channels for which you have the best reception. Store them in the TV's program numbers list by doing the following.

1 Choose AUTO PROGRAM. Then press the OK button.

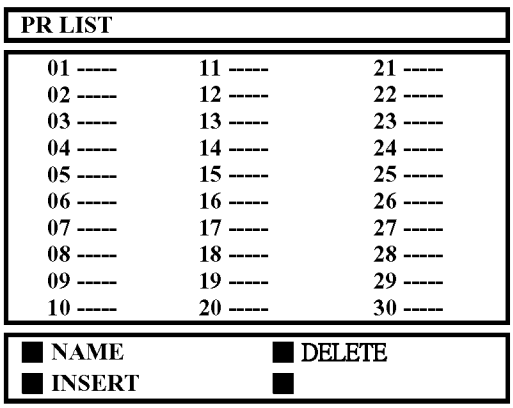


2 Press the OK button to start the AUTO PROGRAM



The AUTO PROGRAM menu appears and received TV channels are automatically stored in the program numbers.

- To cancel the AUTO PROGRAM function: Press the MENU button.

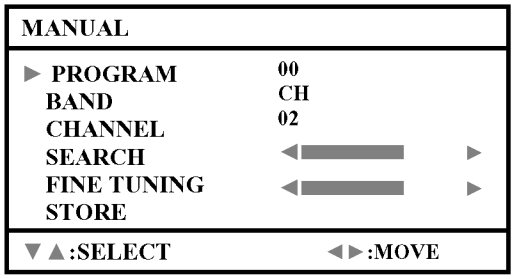


After the TV channels have been registered in the program numbers, the PR LIST menu appears.

- If you want, you can now edit the program numbers using the AUTO PROGRAM function. For details, see "To edit the PR LIST menu" on page 20.

MANUAL

You can store the TV channel for which you needed. Store them in the TV's program numbers list by setting the following.



1 Select PROGRAM and press the ◀/▶ buttons to choose the program number from 00 to 99.

2 Select BAND and press the ◀/▶ buttons to choose the band type.
CH(AIR) / CC(CATV)

3 Select CHANNEL and press the ◀/▶ buttons to choose the channel number. (CH:02-69,CC:01-99)

4 Select SEARCH and press the ◀/▶ buttons to choose the serviceable TV channel.

5 If the channel reception is poor, select FINE TUNING and press the◀/▶ buttons to fine tune the program.

6 Select Store and press the ◀/▶ buttons to store the manual setting.
When stored, OK will be displayed for short seconds.

INSTALL

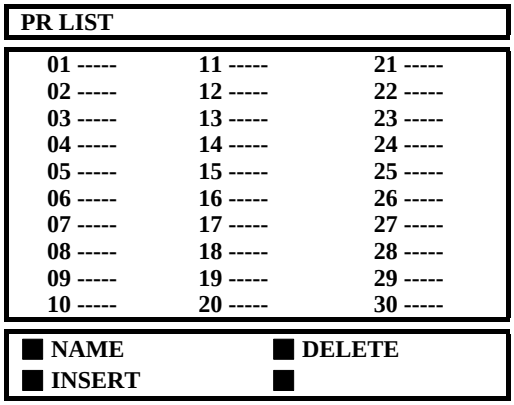
To edit the PR LIST menu

You can edit the program numbers.

Caution

Using the NAME, DELETE or INSERT functions rewrites the current program numbers list.
Therefore, the program number of some of the TV channels will change.

1 Choose PR LIST, then press the OK button



2 Follow the operation description of a function you want to use and operate the function

NAME:
This function registers a channel name (ID) to a TV channel.

INSERT:
This function changes a program number of TV channel.

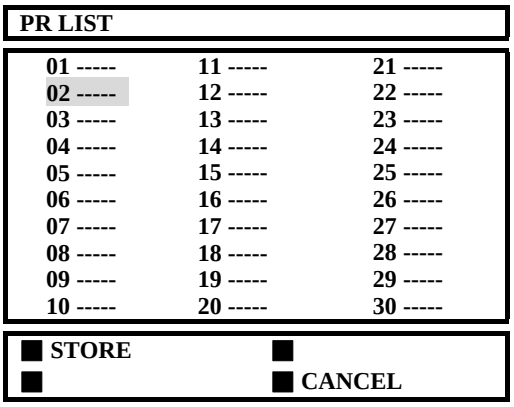
DELETE:
This function deletes a TV channel you do not want to list.

NAME

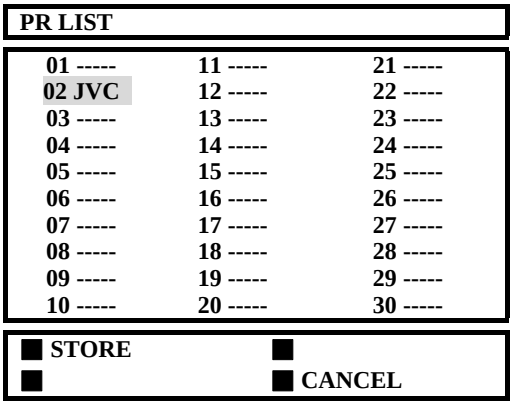
1 Press the◄/► and ▼/▲buttons to choose a TV channel

Every time you press the ◄/► and ▼/▲ buttons, the program number changes and the picture of the TV channel stored in the program number appears on the screen.

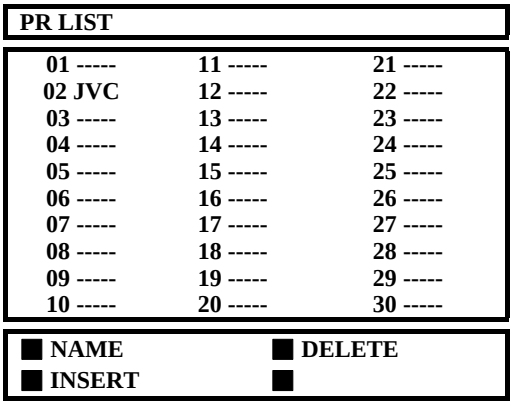
2 Press the red button to start the NAME function



3 Press the ◄/►and ▼/▲ buttons to edit the channel name you want to give the TV channel



4 Press the red button to store the setting



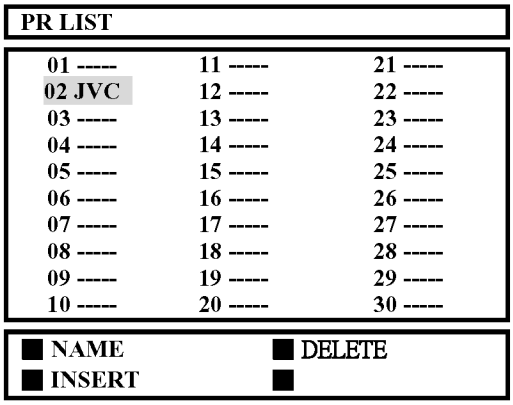
To return-to the INSTALL menu:
Press the BACK button.
To exit a menu instantly:
Press the MENU button.

INSTALL

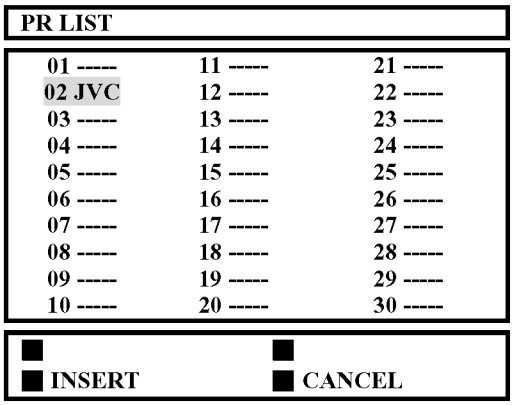
INSERT

1 Press the ◄/► and ▼/▲ buttons to choose a program number for which you want

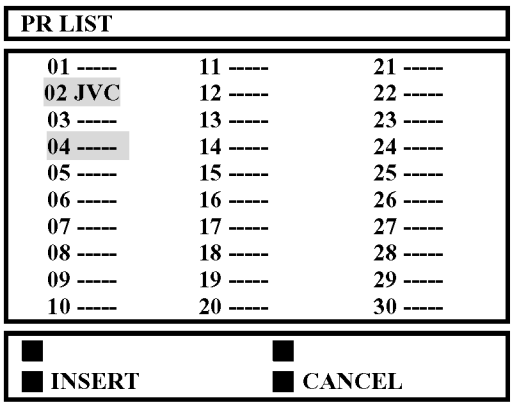
Every time you press the ◄/► and ▼/▲ buttons, the program number changes and the picture of the TV channel stored in the program number appears on the screen.



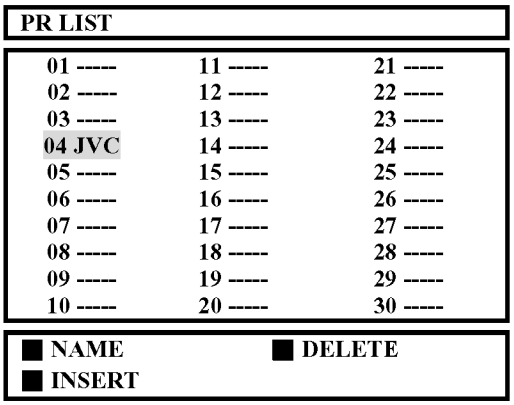
2 Press the green button to start the INSERT function



3 Press the◄/► and ▼/▲ buttons to choose a new program number



4 Press the green button to insert the channel into the new program number



To return to the INSTALL menu:
Press the BACK button.

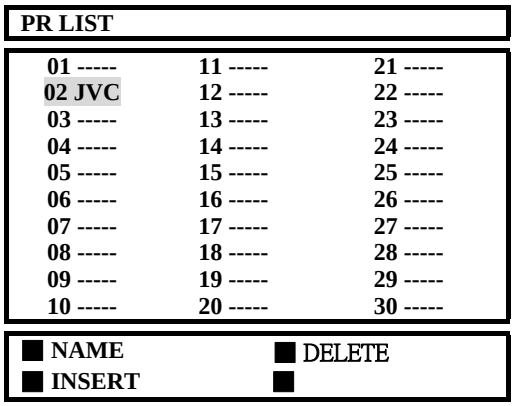
To exit a menu instantly:
Press the MENU button.

INSTALL

DELETE

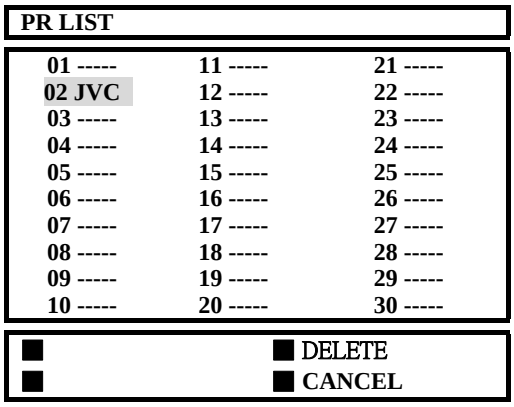
1 Press the ◄/► and ▼/▲ buttons to choose a program number for which you want

Every time you press the ◄/►and▼/▲ buttons, the program number changes and the picture of the TV channel stored in the program number appears on the screen.



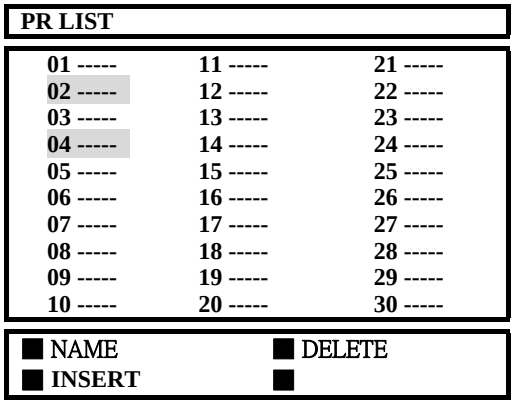
2 Press the yellow button to start the DELETE function

The TV channel is deleted from the program numbers list



3 Press the yellow buttons to deleted the selected TV channel

The TV channel is deleted from the program numbers list



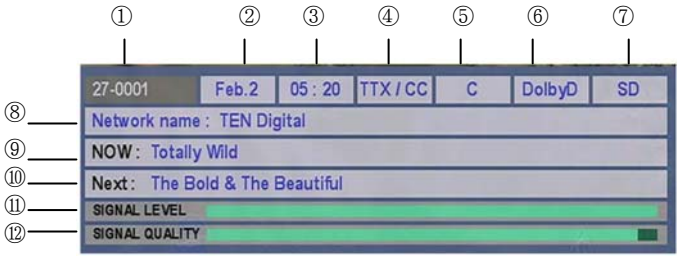
To return to the INSTALL menu:
Press the BACK button.

To exit a menu instantly:
Press the MENU button.

Operation while watching DTV

Information function

When the (Information) button is pressed while the information would be displayed.



① Channel Number
② Date
③ Time
④ TELETEXT/Subtitle
⑤ Parental Guidance
⑥ Optical output (DolbyD=Dolby Digital)□□
⑦ Signal format (SD:576i, HD:576p/1080i/720p)
⑧ Network name
⑨ Current displaying program
⑩ Next displaying program
⑫ Channel signal level rate
⑬ Channel Signal quality rate

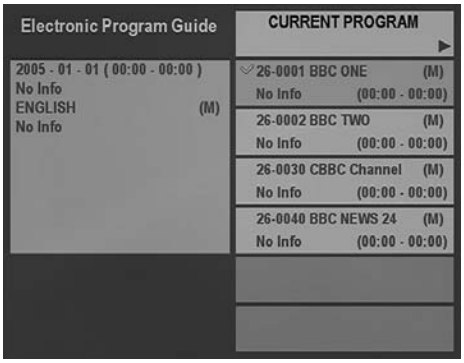
The program information shows all relevant information and appears only for approximately 1 minute.

The time display in the program information uses the time information which is included in the Digital terrestrial broadcasting (DVB-T). Depending on the channel, the time information may not be correct.

- You can edit the Information format setting. For details, see "**I-PLATE SETUP**" on page 30.

Using the Electronic Program Guide (EPG)

EPG screen appears when the **GUIDE** button is pressed under Digital terrestrial broadcasting (DVB-T).


Electronic Program Guide
CURRENT PROGRAM
2005 - 01 - 01 (00:00 - 00:00)
No Info
ENGLISH (M)
No Info
26-0001 BBC ONE (M)
No Info (00:00 - 00:00)
26-0002 BBC TWO (M)
No Info (00:00 - 00:00)
26-0030 CBBC Channel (M)
No Info (00:00 - 00:00)
26-0040 BBC NEWS 24 (M)
No Info (00:00 - 00:00)

EPG provides you the current and next program information and the program duration.

Press the ▼/▲ buttons to highlight/choose a channel, and then OK to enter the program.

Choosing a channel

1 Press the ▼/▲buttons and choose a channel
The program name, broadcast time and a brief description of the program are displayed.

2 Press the OK button
The chosen program appears on the quarter-screen.

- When the GUIDE, BACK button is pressed to disappear the EPG screen and return to the normal screen.

Displaying the subtitles

With Digital terrestrial broadcasting (DVB-T), some programs are broadcast with subtitles/close captions. Subtitles can be displayed when watching these programs.

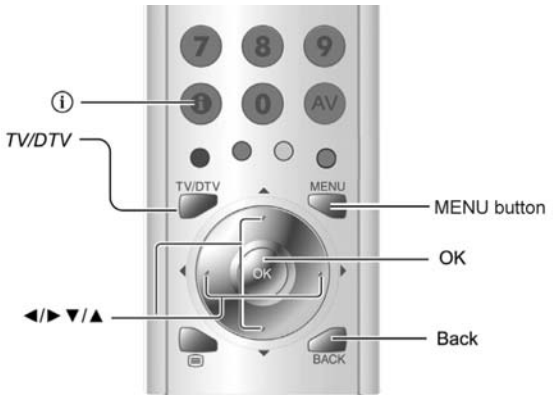
Press the **SUBTITLE** button to turn on and off when watching Digital terrestrial broadcasting (DVB-T)

- "CC ON" appears at the top-right of the screen and, when the program has subtitles, the subtitles are displayed.

- When the SUBTITLE button is pressed again, "CC OFF" appears and the subtitles disappear.

Operation with the DTV menu

This DTV has a number of functions you can operate by entering menus. To use all functions, you need to understand the basic menu operating techniques fully.



Displaying the DTV menu

1 Press the MENU button to display the MENU (main menu)

MENU	
PICTURE	►
SOUND	►
FEATURES	►
►INSTALL	►
▼▲:SELECT	OK:MOVE

2 Press the ▼/▲ buttons to choose a menu title, and press the OK button.

The menu appears.

To return to the previous menu:

Press the BACK button on the remote control or the MENU button on the TV.

To exit a menu instantly:

Press the MENU button on the remote control or press the MENU button on the TV several times.

3 Press the ▼/▲ buttons to choose a function

- For details of the functions in the menus, see the following pages.

4 Press the ◄/► buttons to choose the setting of that function

- If you want to operate a function which appears only with its name, follow the descriptions of that function on the following pages.
- The display appearing at the bottom of a menu shows you a button on the remote control that you can use when you operate a chosen function.

5 Press the OK button to complete the setting

The menu disappears.

- The menu will be disappear if you press the P ∨ / ∧ P buttons, the AV button or the number buttons while the menu is displayed.

6 For DTV menu, press the ▼/▲ buttons to INSTALL and then OK to display the DTV menu as a sub-menu.

INSTALLATION

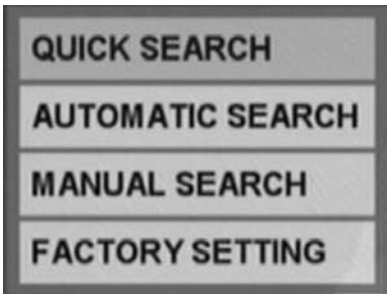
This is mainly for program searching and factory resetting. There are 4 items under INSTALLATION.

1 Press the ▼/▲ buttons to choose INSTALLATION and press the OK button.

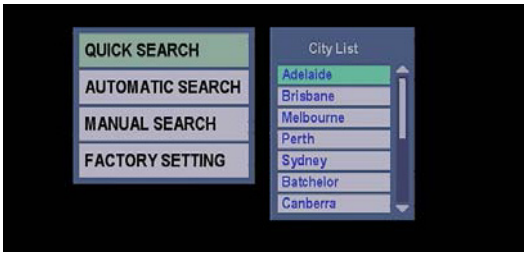
QUICK SEARCH

It can automatically store the DTV channels based on the reception of the city you live in. Store them in the TV's program numbers list by following below.

1 Press the ▼/▲ buttons to choose QUICK SEARCH. Then press the OK button.



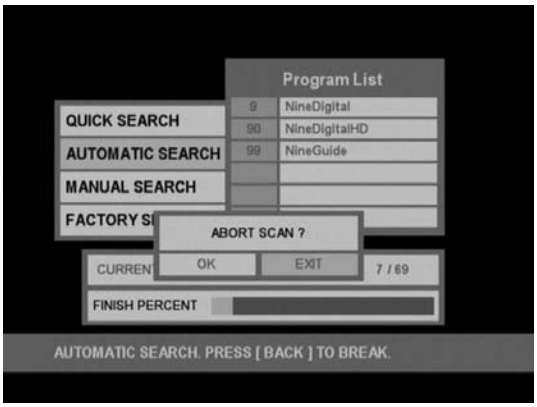
2 The default city will be displayed. Press the ▼/▲ buttons to choose the city you live in, then press OK button.



Current listed cities are for the country of Australia only.

The Digital terrestrial broadcasting (DVB-T) Automatic Search starts and channels which can be received are automatically registered.

3 If you want to abort this searching, you can press BACK button and use ◀/▶ buttons to choose "OK" or "EXIT" searching, then press OK button .



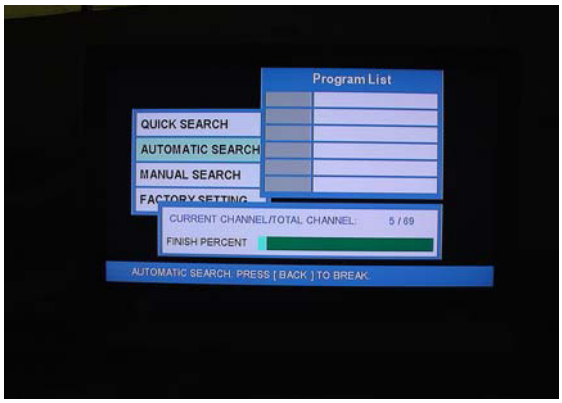
After the DTV channels have been registered in the Program List, the PR LIST menu appears and contains all the available channels.

- You can now edit the program setting in the PR LIST function. For details, see "EDIT PR LIST" on page 27.

AUTOMATIC SEARCH

It automatically stores the all DTV channels for which generally you have the best reception. This is automatic generate the full band scan based on 7 MHz bandwidth. The setting process is as the same as QUICK SEARCH.

1 Press the ▼/▲ buttons to choose AUTOMATIC SEARCH. Then press the OK button.



After the DTV channels have been registered in the Program List, the PR LIST menu appears and contains all the available channels.

- You can now edit the program setting in the PR LIST function. For details, see "EDIT PR LIST" on page 27.

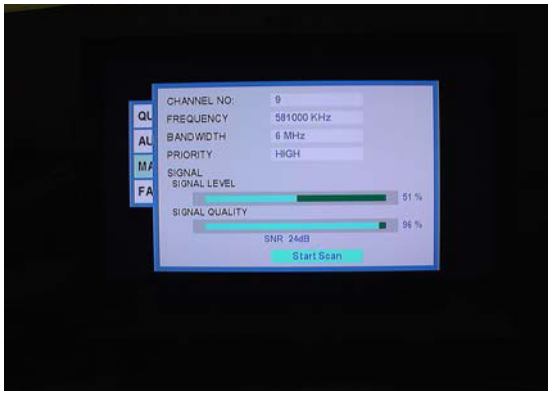
MANUAL SEARCH

You can store the DTV channels for which you need.
This search function only scans one channel at each time.

1 Press the ▼/▲ buttons to choose MANUAL SEARCH. Then press the OK button.

2 Press the ▼/▲ buttons to choose on an item, press OK buttons to show off options, and OK button to choose number.

3 Press the ▼/▲ buttons to highlight Start Scan, and then press OK button to implement scanning the channel.



After the DTV channels have been registered in the Program List, the PR LIST menu appears and contains all the available channels.

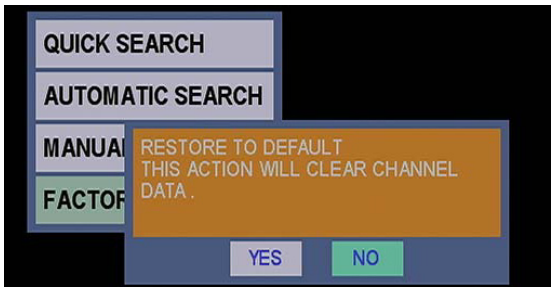
- You can now edit the program setting in the PR LIST function. For details, see “EDIT PR LIST” on page 27.

FACTORY SETTING

This setting allows you to return to the original setting.

1 Press the▼/▲ buttons to choose FACTORY SETTING. Then press the OK button to enter.

2 If you want to restore to default, press ◄/► buttons to select “YES” with the result of losing current settings. If not, please select “NO”. Press OK to confirm.

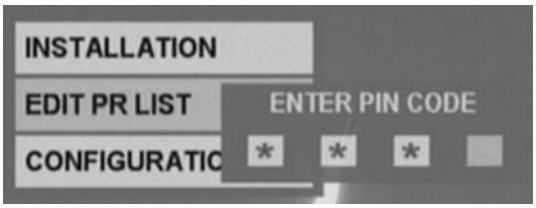


EDIT PR LIST

This feature allows you to edit channel settings that requires a password.

1 Press the ▼/▲ buttons to choose EDIT PR LIST and press the OK button.

2 When you select EDIT PR LIST, it requires the password. The factory default password is “0000”.



Choosing a channel

1 Press the ▼/▲ buttons to turn on features and delete channels.

2 Press OK to confirm your setting.

LOCK:
This function locks channels so that they cannot be watched by children.

FAVOURITE
This function sets your favourite channels to easily choose from only the channels you often watch.
•Press favourite button on remote control to turn on Program List while watching DTV, and then press the ▼/▲ buttons to choose a program and then OK to enter the program.

DELETE:
This function deletes the DTV channel you do not want to list.

Operation with the DTV menu

CONFIGURATION

Set the basic setting for watching Digital terrestrial broadcasting (DVB-T). You can setup the audio output, local Time, a new pin code and I-Plate.

1 Press the ▼/▲ buttons to choose CONFIGURATION and press the OK button.

AUDIO SETUP

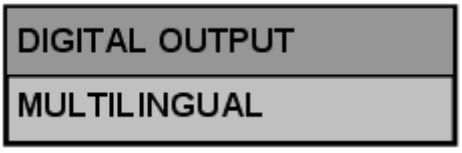
This adjusts audio performance and language format.

1 Press the ▼/▲ buttons to choose AUDIO SETUP, and then press the OK button.

DIGITAL OUTPUT

You can set the digital audio output format.

1 Press the ▼/▲ buttons to choose DIGITAL OUTPUT and press the OK button.



2 Press the ▼/▲ buttons to choose PCM or DOLBY DIGITAL, then press the OK button.

PCM (Pulse code modulation):
A technique used to transform an incoming analog signal into a noise-free, digital equivalent.

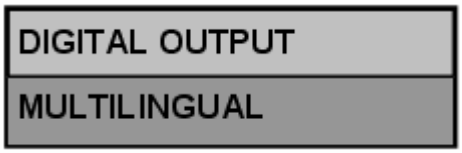
Dolby Digital:
A technique used to perform digital sound effect with high definition programming.

"Dolby", and the double-D symbol are trademarks of Dolby Laboratories.

3 Press the ◄/► buttons to choose save or not, then press the OK button.

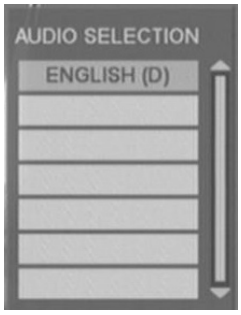
MULTILINGUAL

With Digital terrestrial broadcasting (DVB-T), a number of languages can be broadcasting at the same time. Choose the language you want to listen to when watching these broadcasts.



1 Press the ▼/▲ buttons to choose MULTILINGUAL and press the OK button.

2 Press the ▼/▲ buttons to choose the language.



The language changes every time the button is pressed. If the selected language is not a broadcast, the default language will be played.

-ENGLISH(M) : PCM
-ENGLISH(D) : Dolby Digital
-UND : Undefined

Operation with the DTV menu

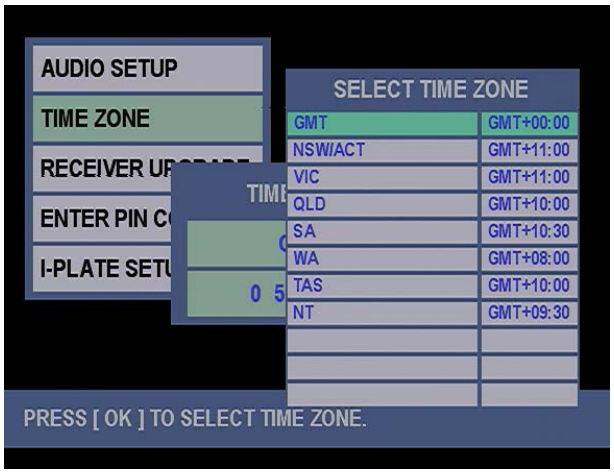
TIME ZONE

You may set your local time depending on area.

1 Press the ▼/▲ buttons to choose TIME ZONE, and then press the OK button.

2 Press OK button to select the time zone.

3 Press the ▼/▲ buttons to choose your local time, then press the OK button.



RECEIVER UPGRADE

Set the method to upgrade the Digital terrestrial broadcasting (DVB-T) receiver software. This function is only available to be upgraded by your distributor.

1 Press the ▼/▲ buttons to choose RECEIVER UPGRADE, and then press the OK button.

Operation with the DTV menu

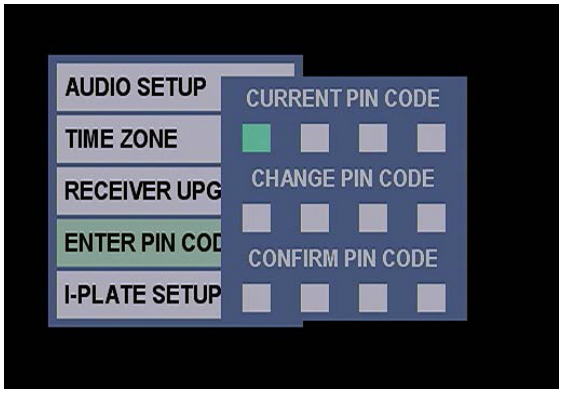
ENTER PIN CODE

You can change the pin code, and its purpose is allowing to enter the system of locking certain channels in **EDIT PR LIST** menu.

1 Press the ▼/▲ buttons to choose ENTER PIN CODE, and then press the OK button.

2 Press the number buttons to enter current pin code.

The default factory pin code is “0000”.



3 Enter a new PIN CODE in both of change pin code and confirm pin code.

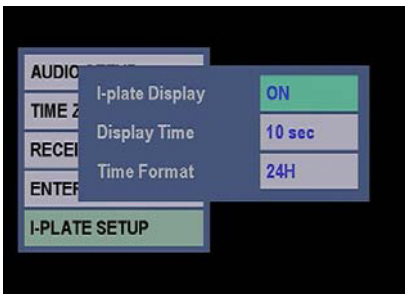
Your newly chosen PIN CODE is now set. You will now need to use the new PIN CODE to lock or unlock certain channels through EDIT PR LIST.

I-PLATE SETUP

The programer information setting can be adjusted.

1 Press the ▼/▲ buttons to choose I-PLATE, and then press the OK button.

3 Press the ▼/▲ buttons to choose an item and then press the ◀/▶ buttons to choose your settings.



I plate Display:

This function is to turn on and off displaying I-PLATE when changing channels.

Display Time:

This function is to display in time for I-PLATE from 1 second to 20 seconds.

Time Format

This function is to choose “24H” or “AM/PM” time format.

3 After the settings are done, press OK button. Then, press the ◀/▶ buttons to choose save or not, then press the OK button.

PC MENU (In PC mode only)

This TV also has a number of functions on PC mode; you can operate using pc menus.

PC MENU	
►PC PICTURE POSTITION ► PICTURE ► SOUND ►	
▼▲:SELECT	OK:MOVE
1024 X 768 H:48 kHz	V:60 Hz

PC PICTURE POSITION

You can adjust the picture settings as following functions.

PC PICTURE POSITION	
►AUTO SETUP H POSITION ◄ ► V POSITION ◄ ► CLOCK ◄ ► PHASE ◄ ► RESET	
▼▲:SELECT	◄►:MOVE

AUTO SETUP:
You can adjust picture settings automatically for optimized picture position, clock and phase.

H POSITION:
You can adjust picture horizontal position.
◀ : left
▶ : right

V POSITION:
You can adjust picture vertical position.
◀ : down
▶ : up

CLOCK:
You can adjust CLOCK to fine tune picture.

PHASE:
You can adjust PHASE to fine tune picture.

RESET:
You can select RESET mode for default setting.

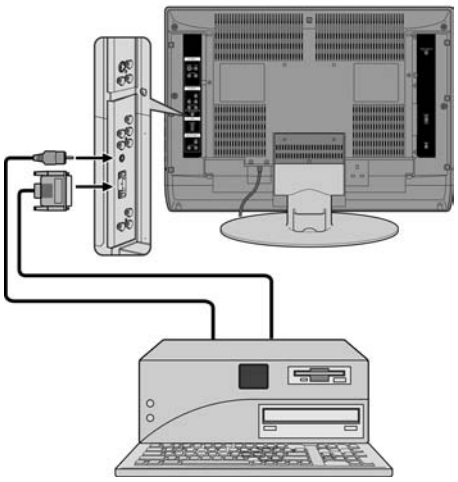
PICTURE

You can change the picture settings of each PICTURE MODE mode as you like.

PC PICTURE	
►CONTRAST ◄ ► BRIGHT-1 ◄ ► WHITE BALANCE HIGH R ◄ ► G ◄ ► B ◄ ► RESET	
▼▲:SELECT	◄►:MOVE

CONTRAST:
You can adjust the picture contrast.
◀ : low
▶ : high

BRIGHT-1:
You can adjust the picture brightness.
◀ : darker
▶: : lighter



Connecting the PC
Connect the PC with the D-SUB cable to the D-SUB in at the TV, and connect the sound device of PC with a stereo mini-jack to PC AUDIO IN.
You can adjust the picture by AUTO SETUP function when the PC signal is output correctly, the AUTO SETUP function can optimize the picture position, clock and phase. You can have a fine vision after AUTO SETUP function executed.

PC MENU (In PC mode only)

WHITE BALANCE:
You can adjust the picture colour mode.

HIGH:
A bluish white. Using this mode when watching bright pictures allows you to enjoy a more vivid and bright picture.

LOW:
A reddish white. Using this mode when watching films allows you to enjoy colors that are characteristic of films.

R：
You can adjust the Red colour component.
◀： reddish
▶： redder

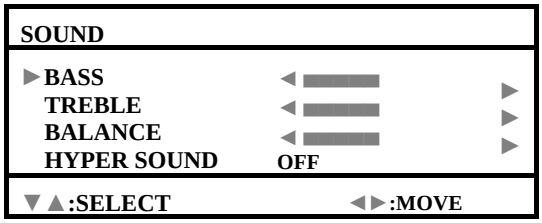
G：
You can adjust the Green colour component.
◀： greenish
▶： greener

B：
You can adjust the Blue colour component.
◀： bluish
▶： bluer

RESET：
You can select RESET mode for default setting.

SOUND

You can adjust the sound to your liking.



BASS:
You can adjust the low tone of the sound.
◀： weaker
▶： strong

TREBLE:
You can adjust the high tone of the sound.
◀： weaker
▶： strong

BALANCE:
You can adjust the volume balance between the left and right speaker.
◀： turn the left speaker's volume level up.
▶： turn the right speaker's volume level up.

HYPER SOUND:

You can enjoy Surround sound with a "live" effect by using the HYPER SOUND functions.
ON： HYPER SOUND function is turned on.
OFF： HYPER SOUND function is turned off.

PC MENU (In PC mode only)

PC Support mode list

Mode No.	Mode Name Resolution	H.Freq.(KHZ) V.Freq.(HZ)
1.	VGA 60HZ 640*480	31.469 59.941
2.	MAC VGA 640*480	35 66.667
3.	US TEXT 720*400	31.469 70.087
4.	SVGA 60HZ 800*600	35.16 56.25
5.	SVGA 60HZ 800*600	37.879 60.317
6.	XGA 60HZ 1024*768	48.363 60.004
7.	XGA 70HZ 1024*768	56.476 70.069
8.	WXGA 1280*768	47.73 60
9.	VGA 75HZ 640*480	37.5 75
10.	SVGA 75HZ 800*600	46.875 75
11.	XGA 75HZ 1024*768	60.023 75.029

The resolution and the frequencies which are displayed on the screen may not exactly same as this list.

Please use AUTO Setup to automatically configure your display to the best setting.

Notice when using LCD-TV under PC mode:

1. Whenever your LCD-TV is connected to the PC, or you have changed the PC display mode. Please use AUTO Setup to automatically configure your display to the best setting.
2. You must perform auto setup before making any adjustment.

Additional preparation

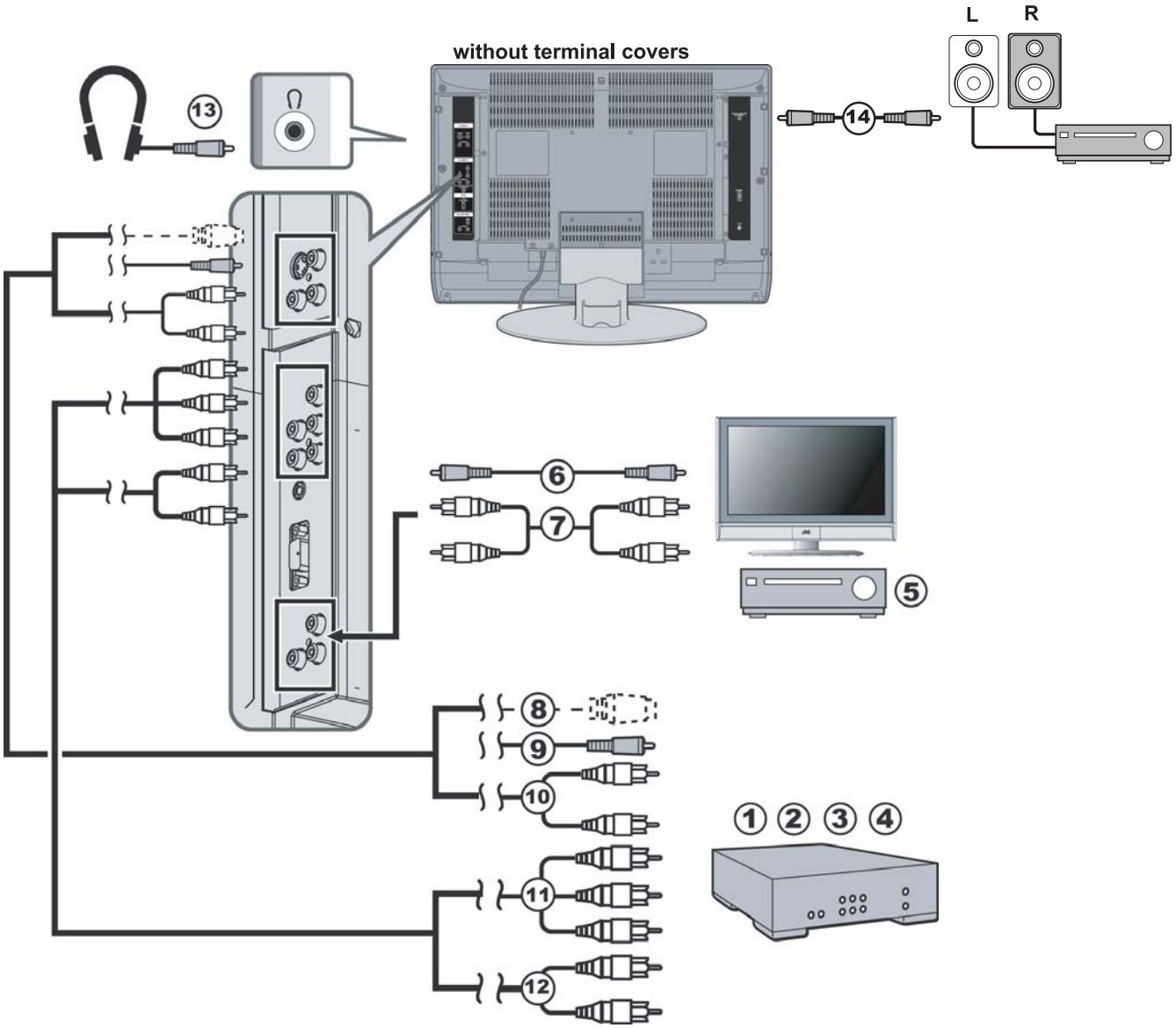
Connecting external equipment

Connect the equipment to the TV, making the correct rear panel and front panel connections.

Before connecting anything:

- Read the manuals that came with the equipment. Depending on the equipment, the connection method may be different from the diagram. Also, the equipment settings may need to change depending on the connection method.
- Turn off all the equipment including the TV.
- The “Specifications” on page 37 give the details of the EXT terminals. If you are connecting equipment not listed in the following connection diagram, see the table to choose the best EXT terminal.
- Connecting cables are not supplied.
- If the VCR's audio output is in mono, connect the VCR's AUDIO OUT (audio output) terminal and TV's Audio L/MONO input terminal with an audio cable.

① VCR (composite signal)
② VCR (composite signal/S-VIDEO signal)
③ DVD player (composite signal/S-VIDEO signal)
④ DVD player (component signal)
⑤ VCR or DVD recorder (digital signal)
⑥ Video cable (digital)
⑦ Audio cable (digital)
⑧ S-Video Cable
⑨ Video cable
⑩ Audio cable
⑪ Component cable
⑫ Audio cable
⑬ Headphones
⑭ Digital Audio Fiber Cable



Troubleshooting

If a problem arises while you are using the TV, please read this troubleshooting guide carefully before you ask to have the TV repaired. You may be able to fix it easily by yourself. For example, if the mains plug is disconnected from the mains outlet, or the TV aerial has problems, you may think there is a problem with the TV itself.

Important:

- This troubleshooting guide only covers problems whose causes are not easy to decide. If you have a question when you are operating a function, read the page(s) for that function carefully, not this troubleshooting guide.
- If you follow the advice in this troubleshooting guide without any success, unplug the mains plug and ask for your TV to be repaired. Do not attempt to repair the TV by yourself or to remove the rear cover of the TV.

If you cannot turn on the TV

- Are the AC plug on the power cord from the TV is connected to AC outlet?
- Make sure to set the VCR/TV/DVD switch to the TV position. You cannot turn the TV on when the VCR/TV/DVD switch is set to the VCR or DVD position.

If you cannot turn off the TV

- Make sure to set the VCR/TV/DVD switch to the TV position. You cannot turn the TV off when the VCR/TV/DVD switch is set to the VCR or DVD position.

No picture or no sound

- Have you chosen a TV channel with very poor reception? If so, the BLUE BACK function will be activated: the entire screen becomes blue, and the sound is muted. If you still want to view the TV channel, follow the description “FEATURES” on page 20 to change the BLUE BACK function setting to OFF.
- If the SOUND SYSTEM setting for a TV channel is incorrect, it may prevent the sound from being issued. Follow the description “INSTALL” on page 19 to use the MANUAL function to try to change the SOUND SYSTEM setting.

Poor picture

- If noise (snow) totally blocks out the picture, there may be a problem with the aerial or aerial cable. Check the following to try to solve the problem:
  - Have the TV and aerial been connected properly?
  - Has the aerial cable been damaged?
  - Is the aerial pointing in the right direction?
  - Is the aerial itself faulty?
- If the TV or aerial suffers interference from other equipment, stripes or noise may appear in the picture. Move any equipment such as an amplifier, personal computer, or a hair drier, that can cause interference away from your TV. Or try moving the TV. If the aerial suffers interference from a radio tower or high-voltage wire, please contact your local dealer.
- If the TV suffers interference from signals reflecting from mountains or buildings, double-pictures (ghosting) will occur. Try to change the aerial’s direction or replace it with one with better directionality.
- Have the COLOUR and BRIGHT settings been adjusted properly? Follow the description “Picture Setting” on page 16 to try to adjust them properly.
- Videotaping teletext is not recommended because it may not record correctly.
- When viewing images from commercially available video software products, or videos from videotapes which have been recorded improperly, the top of the image may be distorted. This is due to the condition of the video signal. There is nothing wrong with the TV.

Poor sound

- Have you adjusted BASS or TREBLE properly? If not, follow the description of “Sound” on page 17.

If the remote control does not respond to the TV

- Have the batteries of the remote control worn out? Follow the description “Putting the batteries into the Remote control” on page 5 and replace them with new batteries.
- Have you attempted to use the remote control from the sides, rear of the TV, or from more than seven meters away from the TV? Use the remote control in the front of your TV and from less than seven meters away.
- When you are viewing a teletext programmer, you cannot operate the menus. Press the button to return to the ordinary TV programmer, and then try operating the menus.
- If the TV suddenly stops responding, disconnect the power cord of the TV from the AC outlet and then connect them to the AC outlet again to turn on the TV. If the TV returns to a normal state, it is not a failure.

Troubleshooting

Other concerns

- When the SLEEP TIMER function operates, the TV is automatically turned off. If the TV suddenly turns off, try to press the (standby) button to turn on the TV once again. If the TV goes back to normal, there is no problem.
- It takes a short period of time from the time an operation such as changing channels is performed until an image is displayed. This is not a malfunction. This is the time required for the image to stabilize before it can be displayed.
- The TV may make a crackling sound due to a sudden change in temperature. The picture or sound may be normal. If you hear crackling sounds frequently while you are viewing the TV, there may be other causes. As a precaution, ask your service technician to inspect it.
- In the twin pictures mode the sub-picture may disappear when the external device is operated. If this happens, press the button and display the sub-picture again.
- The top of the TV and the screen may become hot during use but this has no affect on the performance of the TV. Ensure that the ventilation holes are not blocked.
- When the picture is unstable, the screen may become white for a moment. This occurs when the signal which drives the liquid crystal is missing. This is not a malfunction.
- When a still image has been displayed for a long period, a faint residual image may remain on the screen for a short time after the power has been turned off or when another image is displayed. This is not a malfunction and the image will eventually disappear.
- When the correct picture has not been displayed on screen, the following error messages will display on screen.
  NO SIGNAL - TV received no signal from PC, you may check your PC is working correctly or not.
  OUT OF RANGE - The picture resolution is out of limit. Ensure that the PC picture resolution is set correctly.

Specifications

Model	LT-32SH6	LT-37SH6
COUNTRY setting	**AUSTRALIAN**	
Broadcasting system	CCIR B/G	
Colour system	PAL	
Channels and frequencies	• Analogue 48.25~863.25MHz • Digital 174MHz~858MHz	
Sound-multiplex systems	A2/NICAM system, Digital (MPEG2)	
Teletext	FLOF(Fastext),WST(World Standard System)	
Power requirements	240V AC, 50Hz	
Power consumption	168 W, (standby < 1W)	217 W, (standby < 1W)
Screen size (Viewable area)	80.0cm (31.5 inch)	94.9cm (37.0 inch)
Audio output	Rated Power output : 10W + 10W	
Speaker	6.6 cm round x 2	6.6 cm round x 4
VIDEO-1 terminal	RCA connectors x 3 S-VIDEO connector x 1 • Video input, S-VIDEO (Y/C) input and Audio L/R inputs are available.	
VIDEO-2 terminal	RCA connectors x 5 • Component video (Y, Pb, Pr) input and Audio L/R inputs are available. • 576i, 576p signals are available.	
VIDEO/AUDIO OUT terminal	RCA connectors x 3 • Video composite output and Audio L/R outputs are available. (for DTV only) • Audio output level 0.5 Vrms • PAL signals are available.	
Digital Audio Output terminal	Optical Connector x1 • Dolby audio out is available. (for DTV only)	
PC INPUT terminal	Analogue RGB: D-SUB (15 pins) x 1 • PC signal is available. • Stereo mini-jack (3.5mm in diameter)	
Headphone jack	Stereo mini-jack (3.5mm in diameter)	
Dimensions(W x H x D)	808.0 mm x 627.2 mm x 308.4 mm 808.0 mm x 558.5 mm x 108.0 mm (without stand)	926.0 mm x 700.7mm x 324.7 mm 926.0 mm x 631.5 mm x 108.5 mm (without stand)
Weight (NET)	20kg	27.2kg
Accessories	Remote control unit x 1 (RM-C1896) AA/R6 dry cell battery x 2	

We may change the design and specification without notice.

Pictures displayed on the screen using this TV's ZOOM functions should not be shown for any commercial or demonstration purpose in public places. (cafes, hotels, etc.) without the consent of the owners of copyright of the original picture sources, as this would be an infringement of copyright.

JVC